SAMSUNG TECHWIN

Security Solutions

Product Line-up

2014 2nd Quarter

Product Selection

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NETWORK

iPOLiS
Your smart security solution

	3Megapixel					
	Box		IR Bullet	Fisheye		Dome
	SNB-7004	SNB-7001	SNO-7084R	SNF-7010	SNF-7010V/7010VM	SND-7084
	WiseNet III New	LiteNet	WiseNet III	WiseNet III	WiseNet III New	WiseNet III New
Imaging Device	1/2.8" PS Exmor 3.2M CMOS	1/2.8" 3M PS CMOS	1/2.8" PS Exmor 3.2M CMOS	1/2.8" 3M PS CMOS	1/2.8" 3M PS CMOS	1/2.8" PS Exmor 3.2M CMOS
Min. Illumination (50 IRE)	Color : 0.1Lux B/W : 0.01Lux	0.4Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 1.3Lux	Color : 1.3Lux	Color : 0.1Lux B/W : 0.01Lux
Simple Focus	Yes	N/A	Yes	N/A	N/A	Yes
P-Iris	Yes	N/A	Yes	N/A	N/A	Yes
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	Yes	N/A	Yes	Yes	N/A	Yes
Analog Video Output	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p	CVBS 1.0Vp-p, DIP connector type	N/A	N/A	CVBS 1.0Vp-p, DIP connector type
Lens	Optional	Optional	2.8x motorized varifocal (3 ~ 8.5mm)	1.05mm fixed	1.05mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	2048 x 1536	2048 x 1536	2048 x 1536	N/A	N/A	2048 x 1536
Max. Frame Rate	30fps at 3MP (H.264)	20fps at 3MP (H.264)	30fps at 3MP (H.264)	20fps at 3MP (H.264)	20fps at 3MP (H.264)	30fps at 3MP (H.264)
Audio Communication	Bi-directional	N/A	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Memory Slot	Yes (micro SD/SDHC/SDXC)	N/A	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 0	1 / 1	N/A	N/A	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Audio detection, Tampering	Audio detection, Tampering	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	N/A	N/A	Yes (Profile S)
Environmental Protection	N/A	N/A	IP66, IK10	N/A	IP66, IK10, EN50155	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-25°C ~ +55°C (-13°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC, 12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	PoE (IEEE802.3af)	PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af class3)

	3Megapixel				
	Dome		IR Dome	Vandal-Resistant	IR Vandal-Resistant
	SND-7061	SND-7011	SND-7084R	SNV-7084	SNV-7084R
	LiteNet	LiteNet	WiseNet III New	WiseNet III New	WiseNet III New
Imaging Device	1/2.8" 3M PS CMOS	1/2.8" 3M PS CMOS	1/2.8" PS Exmor 3.2M CMOS	1/2.8" PS Exmor 3.2M CMOS	1/2.8" PS Exmor 3.2M CMOS
Min. Illumination (50 IRE)	0.4Lux	Color : 0.9Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)
Simple Focus	N/A	N/A	Yes	Yes	Yes
P-Iris	N/A	N/A	Yes	Yes	Yes
Day & Night	Yes (Electrical)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	Yes	Yes	Yes
Analog Video Output	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type
Lens	2.8x varifocal (3 ~ 8.5mm)	3mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 5 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536
Max. Frame Rate	20fps at 3MP (H.264)	20fps at 3MP (H.264)	30fps at 3MP (H.264)	30fps at 3MP (H.264)	30fps at 3MP (H.264)
Audio Communication	N/A	N/A	Bi-directional	Bi-directional	Bi-directional
Memory Slot	N/A	N/A	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 0	1 / 0	1 / 1	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering	Tampering	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	IP66, IK10	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)

NETWORK

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	2Megapixel				
	Box			IR Bullet	
	SNB-6010	SNB-6004	SNB-6003	SNO-6084R	SNO-6011R
	WiseNet III New	WiseNet III	WiseNet III	WiseNet III	WiseNet III
Imaging Device	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS
Min. Illumination (50 IRE)	Color : 0.05Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux	Color : 0.1Lux B/W : 0Lux (IR LED on)	Color : 0.3Lux B/W : 0Lux (IR LED on)
Simple Focus	N/A	Yes	N/A	Yes	N/A
P-Iris	N/A	Yes	Yes	N/A	N/A
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	Yes	Yes	Yes
Analog Video Output	N/A	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p
Lens	4.6mm pinhole	Optional	Optional	2.8x motorized varifocal (3 ~ 8.5mm)	3.8mm fixed
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. Frame Rate	30fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	30fps at all resolutions
Audio Communication	N/A	Bi-directional	Bi-directional	Bi-directional	N/A
Memory Slot	Yes (SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 1	1 / 0
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	IP66, IK10	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af class3)	24V AC, 12V DC, PoE (IEEE802.3af)	PoE (IEEE802.3af)

	2Megapixel			
	Dome		IR Dome	
	SND-6084	SND-6083	SND-6084R	SND-6011R
	WiseNet III	WiseNet III	WiseNet III	WiseNet III
Imaging Device	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS
Min. Illumination (50 IRE)	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux	Color : 0.1Lux, B/W : 0Lux (IR LED on)	Color : 0.3Lux, B/W : 0Lux (IR LED on)
Simple Focus	Yes	N/A	Yes	N/A
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	Yes	Yes
Analog Video Output	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p
Lens	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	3.8mm fixed
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. Frame Rate	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	30fps at all resolutions
Audio Communication	Bi-directional	Bi-directional	Bi-directional	N/A
Memory Slot	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 0
Motion Detection	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	PoE (IEEE802.3af)

	2Megapixel			
	Vandal-Resistant			IR Vandal-Resistant
	SNV-6084	SNV-6013	SNV-6012M	SNV-6084R
	WisenetIII	WisenetIII New	WisenetIII	WisenetIII
Imaging Device	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS	1/2.8" PS Exmor 2.38M CMOS
Min. Illumination (50 IRE)	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux	Color : 0.3Lux	Color : 0.1Lux, B/W : 0Lux (IR LED on)
Simple Focus	Yes	N/A	N/A	Yes
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	Yes	Yes
Analog Video Output	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type
Lens	2.8x motorized varifocal (3 ~ 8.5mm)	2.8mm fixed	3mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. Frame Rate	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)	60fps at 2MP (H.264)
Audio Communication	Bi-directional	N/A	N/A	Bi-directional
Memory Slot	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	1 / 1	N/A	N/A	1 / 1
Motion Detection	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection with metadata
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	IP66, IK10	IP66, IK10	IP66, IK10, EN50155, EN50121	IP66, IK10++
Operating Temperature	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC,12V DC, PoE (IEEE802.3af)	PoE (IEEE802.3af class3)	PoE (Class A type only)	24V AC,12V DC, PoE (IEEE802.3af)

	2Megapixel			1.3Megapixel	
	PTZ		IR PTZ	Box	
	SNP-6320/6320H	SNP-6201/6201H	SNP-6200RH	SNB-5004	SNB-5003
	WisenetIII Plus New	WisenetII	WisenetII	WisenetIII	WisenetIII
Imaging Device	1/2.8" PS Exmor 2.38M CMOS	1/3" 2M PS CMOS	1/3" 2M PS CMOS	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS
Min. Illumination (50 IRE)	Color : 0.3Lux B/W : 0.03Lux	Color : 1.5Lux B/W : 0.1Lux	Color : 1.5Lux B/W : 0Lux (IR LED on)	Color : 0.05Lux B/W : 0.005Lux	Color : 0.05Lux
Simple Focus	N/A	N/A	N/A	Yes	N/A
P-Iris	N/A	N/A	N/A	Yes	Yes
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (Electrical)
Wide Dynamic Range	Yes	Yes	Yes	Yes	Yes
Analog Video Output	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type
Lens	32x (4.44 ~ 142.6mm)	20x (4.45 ~ 89mm)	20x (4.45 ~ 89mm)	Optional	Optional
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 6 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1280 x 1024	1280 x 1024
Max. Frame Rate	60fps at 2MP (H.264)	30fps at all resolutions	30fps at all resolutions	60fps at all resolutions	60fps at all resolutions
Audio Communication	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Memory Slot	Yes (SD/SDHC/SDXC))	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)
Alarm I/O	4 / 2 (Relay)	4 / 2	4 / 2	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	IP66 (SNP-6320H), IK10 (SNP-6320 + SHP-3701H)	IP66 (SNP-6201H), IK10 (SNP-6201 + SHP-3701H)	IP66, IK10	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F) (SNP-6320) 24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-6320H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-6320H)	-10°C ~ +55°C (+14°F ~ +131°F) (SNP-6201) 24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-6201H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-6201H)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC, PoE+ (IEEE802.3at class3)	24V AC, PoE+ (IEEE802.3at)	24V AC	24V AC,12V DC, PoE (IEEE802.3af class3)	24V AC,12V DC, PoE (IEEE802.3af class3)

NETWORK

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	1.3Megapixel			
	Zoom Box	Dome		
	SNZ-5200	SND-5084	SND-5083	SND-5061
	WiseNet	WiseNet III	WiseNet III	LiteNet
Imaging Device	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS	1/2.8" 1.3M PS CMOS
Min. Illumination (50 IRE)	Color : 0.7Lux, B/W : 0.08Lux	Color : 0.05Lux, B/W : 0.005Lux	Color : 0.05Lux, B/W : 0.005Lux	Color : 0.7Lux
Simple Focus	N/A	Yes	N/A	N/A
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (Electrical)
Wide Dynamic Range	N/A	Yes	Yes	N/A
Analog Video Output	CVBS 1.0Vp-p	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p, DIP connector type	CVBS 1.0Vp-p
Lens	20x (4.45 ~ 89mm)	2.8x motorized varifocal (3 ~ 8.5mm)	3.6x varifocal (2.8 ~ 10mm)	2.8x varifocal (3 ~ 8.5mm)
Video Compression Format	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Max. Frame Rate	30fps at all resolutions	60fps at all resolutions	60fps at all resolutions	30fps at all resolutions
Audio Communication	Bi-directional	Bi-directional	Bi-directional	N/A
Memory Slot	Yes (micro SD/SDHC)	Yes (micro SD/SDHC/SDXC)	Yes (micro SD/SDHC/SDXC)	N/A
Alarm I/O	1 / 1	1 / 1	1 / 1	1 / 0
Motion Detection	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Scene change, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Tampering
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af class2)

	1.3Megapixel			
	Dome	Vandal-Resistant		PTZ
	SND-5011	SNV-5084	SNV-5010	SNP-5300/5300H
	LiteNet	WiseNet III	WiseNet	WiseNet II
Imaging Device	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS	1/4" 1.3M Exmor CMOS
Min. Illumination (50 IRE)	Color : 1.6Lux	Color : 0.05Lux, B/W : 0.005Lux	Color : 1Lux	Color : 0.5Lux, B/W : 0.03Lux
Simple Focus	N/A	Yes	N/A	N/A
Day & Night	Yes (Electrical)	Yes (ICR)	N/A	Yes (ICR)
Wide Dynamic Range	N/A	Yes	N/A	Yes
Analog Video Output	CVBS 1.0Vp-p	CVBS 1.0Vp-p, DIP connector type	DIP connector type	N/A
Lens	3mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	3mm fixed	30x (3.5 ~ 105mm)
Video Compression Format	H.264, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Max. Frame Rate	30fps at all resolutions	60fps at all resolutions	30fps at all resolutions	30fps at all resolutions
Audio Communication	N/A	Bi-directional	N/A	Bi-directional
Memory Slot	N/A	Yes (micro SD/SDHC/SDXC)	N/A	Yes (SD/SDHC)
Alarm I/O	1 / 0	1 / 1	N/A	4 / 2
Motion Detection	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection	Scene change, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear, Audio detection, Face detection
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	IP66, IK10	IP66, IK10, EN50155	IP66 (SNP-5300H)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-40°C ~ +55°C (-40°F ~ +131°F) *Start up should be done at above -35°C	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F) (SNP-5300) 24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-5300H) PoE+ : -30°C ~ +55°C (-22°F ~ +131°F) (SNP-5300H)
Power	12V DC, PoE (IEEE802.3af class2)	24V AC,12V DC, PoE (IEEE802.3af class3)	12V DC, PoE (IEEE802.3af)	24V AC, PoE+ (IEEE802.3at)

NETWORK

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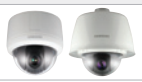
	4CIF				
	Box	Dome	Vandal-Resistant	PTZ	
	SNB-3002	SND-3082	SNV-3082	SNP-3371TH/3371H	SNP-3120/3120VH
					
Imaging Device	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/4" Ex-view HDD CCD (Double scan)	1/4" Ex-view HAD PS CCD
Min. Illumination (50 IRE)	Color : 0.4Lux, B/W : 0.04Lux	Color : 0.4Lux, B/W : 0.04Lux	Color : 0.4Lux, B/W : 0.04Lux	Color : 0.7Lux, B/W : 0.07Lux	Color : 0.7Lux, B/W : 0.07Lux
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	Yes	Yes	Yes
Analog Video Output	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p
Lens	Optional	3.9x varifocal (2.8 ~ 11mm)	3.9x varifocal (2.8 ~ 11mm)	37x (3.5 ~ 129.5mm)	12x (3.69 ~ 44.32mm)
Video Compression Format	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Streaming Capability	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)	Multiple streaming (Up to 10 profiles)
Streaming Method	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast	Unicast / Multicast
Max. Resolution	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)	704 x 480 (704 x 576)
Max. Frame Rate	30(25)fps at all resolutions	30(25)fps at all resolutions	30(25)fps at all resolutions	30fps(25fps) at all resolutions	30fps(25fps) at all resolutions
Audio Communication	Bi-directional	Bi-directional	Bi-directional	Bi-directional	Bi-directional
Memory Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Alarm I/O	1 / 1	1 / 1	1 / 1	4 / 2	2 / 2
Motion Detection	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tampering	Tampering	Tampering	Virtual line, Enter / Exit, Appear / Disappear	Moved / Fixed
ONVIF	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)	Yes (Profile S)
Environmental Protection	N/A	N/A	IP66, IK10	IP66, IK10 (SNP-3371TH)	IP66, IK10 (SNP-3120VH)
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	24V AC : -40°C ~ +55°C (-40°F ~ +131°F) 12V DC, PoE : -10°C ~ +55°C (+14°F ~ +131°F) *Heater works at AC input only	24V AC : -50°C ~ +55°C (-58°F ~ +131°F) (SNP-3371TH) *Heater works at AC input only -10°C ~ +55°C (+14°F ~ +131°F) (SNP-3371)	-10°C ~ +55°C (+14°F ~ +131°F) (SNP-3120) -50°C ~ +55°C (-58°F ~ +131°F) (SNP-3120VH)
Power	24V AC,12V DC, PoE (IEEE802.3af)	24V AC,12V DC, PoE (IEEE802.3af)	24V AC,12V DC, PoE (IEEE802.3af)	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)

	Network Video Recorders (NVR)				
	NVR	Hybrid NVR	NVR	NVR	NVR
	SRN-4000	SRH-3000	SRN-1000	SRN-1670D	SRN-472S
OS	Linux	Embedded Windows (Win7)	Linux	Linux	Linux
Supported Compression	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	400Mbps	250Mbps	100Mbps	64Mbps	32Mbps
Max # of Cameras	64	64 (Analog 1 ~ 16)	64	16	4
Internal Storage	Up to 12 SATA	Up to 6 SATA	Up to 8 SATA	Up to 5 SATA	Up to 2 SATA
External Storage	iSCSI	iSCSI	2 e-SATA, iSCSI	2 e-SATA	N/A
RAID	RAID 5/6	RAID 5	RAID 5	N/A	N/A
Hot Swap	Yes	Yes	N/A	N/A	N/A
Watermark	Yes	Yes	Yes	Yes	Yes
Isolated Networks for Cameras / Source	Yes	Yes	Yes	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile	SSM, SmartViewer, iPolis mobile
Local Monitor	HDMI / VGA	HDMI / VGA	N/A	HDMI / VGA	HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF	Samsung, ONVIF
Features	• Redundant hot swap power supply • Built-in intelligent video analysis (Heatmap, Object classification) • Webviewer supported	• Webviewer supported • Analog PTZ control (Coaxial, RS-485)	• Webviewer supported • iSCSI storage supported	• Webviewer supported • DVD-RW	• Plug & play by 4 PoE ports • Webviewer supported

NETWORK

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	Network Video Recorders (NVR)	
	NVR	Mobile NVR
	SRN-470D	SRM-872
OS	Linux	Linux
Supported Compression	H.264, MPEG-4, MJPEG	H.264, MJPEG
Max. Recording Bit Rate	64Mbps	64Mbps
Max # of Cameras	4	8
Internal Storage	Up to 1 SATA	Up to 1 SATA (2.5")
External Storage	2 e-SATA	N/A
RAID	N/A	N/A
Hot Swap	N/A	Yes
Watermark	Yes	Yes
Isolated Networks for Cameras / Source	Yes	Yes
Network Viewer Software	SSM, SmartViewer, iPolis mobile	SmartViewer AUTO, iPolis mobile AUTO
Local Monitor	HDMI / VGA	HDMI / VGA
Camera Support	Samsung, ONVIF	Samsung, ONVIF
Features	• Webviewer supported • DVD-RW	• Plug & play by 8 PoE ports • GPS supported • Standards approval for transportation (EN50155, EN61373)

	Network Video Decoder
	SPD-400
Video Out	HDMI, VGA, CVBS
Resolution	H.264 : up to 2M / Quad view-up to 720p
Display	Single view, Quad view
Support Device	Samsung, Axis
Webviewer	Supported OS : Window XP Supported Browser : IE 7.0 or 8.0, Firefox 2.x, 3.x, Chrome, Safari
Power	12V DC

	Network Video Encoder Rack
	SPE-1600R
# of Slots	4 slots for SPE-400B
Max. # of Channels	16
Network	RJ-45 (10/100/1000BASE-T)
Rack Size	1U
Power	100 ~ 240V AC

	Network Video Encoder			
	SPE-400	SPE-101	SPE-100	SPE-400B
Max. # of Cameras	4	1	1	4
Supported Compression	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4	H.264, M-JPEG, MPEG-4
Max. Resolution	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)	704 x 480 / 704 x 576 (NTSC / PAL)
Max. Frame Rate per Channe	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)	30/25fps (NTSC / PAL)
Bi-Directional Audio	Yes	N/A	Yes	N/A
RS-485	4	1	1	4
Alarm I/O	4 / 4	N/A	1 / 1	4 / 4
SD Card	SD/SDHC	N/A	SD/SDHC	N/A
ONVIF	Yes	Yes	Yes	Yes
Power	12V DC	12V DC / PoE	12V DC / PoE	5V DC

	Software			
	SSM (Samsung Security Manager)	SSM-RS10/20	SSM-VM10/20	SSM mobile
Features	Central Management Software • Multi-site / Multi-client monitoring • One-stop Live / Map monitoring • Efficient Alarm / Event monitoring • Smart search and Back up • Remote monitoring via mobile device • Easy & convenient configuration • SSM-RS, VM series integration	SSM Recording Server Software • SSM-RS10 : Up to 36CH recording • SSM-RS20 : Up to 72CH recording • Deliver high performance recording (Up to 400Mbps) • Support various recording options • Multiple disk allocation and distribution for stable recording	Video Wall Monitor Management Software • SSM-VM10 : Up to 16monitors display control • SSM-VM20 : Up to 36monitors display control • Run on standard PCs and displays • Live monitoring / Sequence mode • Event-driven virtual salvo switching • Easy set & control through VM manager, SSM console	SSM Mobile viewer for Android / iOS • Local / remote connection to SSM (Samsung Security Manager) • View layout / device list by user • View live streaming video with PTZ control • Supported format : H.264/MJPEG • Calendar search / playback / bookmark functions

	Software			Controller
	SSM-VA10	SmartViewer	iPOLiS mobile	SPC-2000
	New			
Features	Samsung Retail Solution • Samsung's Counting analysis • Heat Map based on the flow of motion traffic technology • Zone analyzing • Easy UI interface graphical statistics • Manual / Schedule report (XLSX, PDF, TXT, CSV, PNG, DOCX, RTF) • Wherever, fast check by mobile device	Easy Central Management Software • Up to 36 videos monitoring from the connected devices • Support for full screen mode • Support for sequence function (Automatic screen transition) • Favorite view & sequence of favorites • Up to 16 videos simultaneous playback simultaneously	Mobile viewer for Android / iOS • View live streaming video with PTZ control from the connected devices • Supported format : H.264/MJPEG • Video image flip / mirror, Video image capture • Calendar search / playback / bookmark functions for DVRs / NVRs	Network Controller • Superior system compatibility • 3D joystick control • Quick and easy installation • SSM support

ANALOG

	Box					
	SCB-5003	SCB-5000	SCB-4000	SCB-3003	SCB-3001	SCB-3000
Imaging Device	1/3" 1.3M CMOS	1/3" 1.3M CMOS	1/2" Ex-view HAD CCD	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD (Double scan)
Min. Illumination (50 IRE)	Color : 0.03Lux, B/W : 0.003Lux	Color : 0.03Lux	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.1Lux, B/W : 0.01Lux	Color : 0.3Lux, B/W : 0.01Lux
Lens (Mount)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)
Horizontal Resolution	Color : 950TV lines	Color : 950TV lines	Color : 600TV lines	Color : 700TV lines	Color : 650TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	N/A	N/A	Yes	Yes	Yes
Alarm I/O	N/A	N/A	0 / 1	0 / 1	0 / 1	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Fence, Tracking, Detection, Counting, Tampering	N/A	Fixed / Moved, Fence (Line, Area)	Fixed / Moved, Fence, Tracking, Counting	Fixed / Moved, Fence, Tracking, Counting	Fixed / Moved, Fence, Tracking, Counting
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	CCVC	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 230V AC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 230V AC	Dual (24V AC & 12V DC), 230V AC

	Box					Zoom Box
	SCB-2005	SCB-2004	SCB-2000	SCB-1001	SCB-3020	SCZ-3430
Imaging Device	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)
Min. Illumination (50 IRE)	Color : 0.1Lux	Color : 0.1Lux	Color : 0.05Lux	Color : 0.1Lux	Color : 0.45Lux	Color : 0.7Lux, B/W : 0.07Lux
Lens (Mount)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	Optional (C / CS)	3.7mm fixed	43x (3.2 ~ 138.5mm)
Horizontal Resolution	Color : 700TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	N/A	N/A	Yes	Yes
Alarm I/O	N/A	N/A	N/A	N/A	0 / 1	0 / 1
Motion Detection	Yes	Yes	Yes	N/A	Yes	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	Fixed / Moved, Fence (Line, Area)	Fixed / Moved
Digital Image Stabilization	N/A	N/A	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	CCVC	CCVC
RS-485 Control	N/A	N/A	N/A	N/A	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC, 230V AC	Dual (24V AC & 12V DC), 12V DC	12V DC	Dual (24V AC & 12V DC), 12V DC

	Zoom Box				Bullet	IR Bullet
	SCZ-3370	SCZ-2370	SCZ-2373/2273	SCZ-2250	SCO-2080	SCO-2081R
Imaging Device	1/4" Ex-view HAD CCD (Double scan)	1/3" Super HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.15Lux B/W : 0.001Lux	Color : 0.15Lux B/W : 0Lux (IR LED on)
Lens (Mount)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm) / 27x (3.5 ~ 94.5mm)	25x (3.66 ~ 91.36mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 680TV lines	Color : 600TV lines	Color : 600TV lines	Color : 700TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	N/A	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	N/A	N/A	0 / 1	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Tracking, Fence, Counting	N/A	N/A	Fixed / Moved	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	CCVC	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	N/A	N/A	N/A	N/A	N/A	50m (164ft)
Environmental Protection	N/A	N/A	N/A	N/A	N/A	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)

ANALOG

	IR Bullet				Dome	
	SCO-2040R/2030R	SCO-2120R	SCO-2080R	SCO-1020R	SCD-5083	SCD-5080
					BEYOND New	BEYOND New
Imaging Device	1/3" CMOS	1/4" Super HAD CCD II	1/3" Super HAD CCD II	1/4" CMOS	1/3" 1.3M CMOS	1/3" 1.3M CMOS
Min. Illumination (50 IRE)	0Lux (IR LED on)	Color : 0.2Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	Color : 0.03Lux B/W : 0.003Lux	Color : 0.03Lux
Lens (Mount)	8mm / 6mm fixed	12x (3.94 ~ 46.05mm)	3.6x varifocal (2.8 ~ 10mm)	3.6mm fixed	2.8 ~ 10mm	3 ~ 10mm
Horizontal Resolution	Color : 650TV lines	Color : 600TV lines	Color : 600TV lines	Color : 520TV lines	Color : 950TV lines	Color : 950TV lines
Day & Night	Yes	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	Yes (Electrical)
Wide Dynamic Range	N/A	N/A	N/A	N/A	Yes	N/A
Alarm I/O	N/A	N/A	N/A	N/A	0 / 1	N/A
Motion Detection	N/A	Yes	Yes	N/A	Yes	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	Fixed / Moved, Fence, Tracking, Detection, Counting, Tampering	N/A
Digital Image Stabilization	N/A	Yes	Yes	N/A	Yes	Yes
Coax Control	N/A	Pelco-C	Pelco-C	N/A	Pelco-C	Pelco-C
RS-485 Control	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	N/A	N/A	N/A
IR Range	25m (82ft)	70m (230ft)	50m (164ft)	15m (49ft)	N/A	N/A
Installation Type	N/A	N/A	N/A	N/A	Surface	Surface
Environmental Protection	IP66	IP66	IP66	IP66	N/A	N/A
Operating Temperature	0°C ~ +55°C (+32°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)

	Dome					
	SCD-3083	SCD-3080	SCD-2080	SCD-2080E/2060E	SCD-2082	SCD-2022
Imaging Device	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.1Lux B/W : 0.01Lux	Color : 0.3Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.001Lux	Color : 0.15Lux	Color : 0.1Lux	Color : 0.15Lux
Lens (Mount)	2.8x motorized varifocal (3 ~ 8.5mm)	3.9x varifocal (2.8 ~ 11mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm) / 2.4x varifocal (2.5 ~ 6mm)	3.6x varifocal (2.8 ~ 10mm)	3.8mm fixed
Horizontal Resolution	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 700TV lines	Color : 700TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)
Wide Dynamic Range	Yes	Yes	N/A	N/A	N/A	N/A
Alarm I/O	0 / 1	0 / 1	N/A	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved, Area, Fence, Detection, Counting	Fixed / Moved, Fence, Tracking, Counting	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	N/A	N/A
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	12V DC

	Dome					IR Dome
	SCD-2020	SCD-2010	SCD-2010F	SCD-1080	SCD-1040/1020	SCD-5080R
						BEYOND New
Imaging Device	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" 1.3M CMOS
Min. Illumination (50 IRE)	Color : 0.15Lux	Color : 0.04Lux	Color : 0.04Lux	Color : 0.15Lux	Color : 0.15Lux	Color: 0.03Lux B/W : 0Lux (IR LED on)
Lens (Mount)	3.7mm fixed	3mm fixed	3mm fixed	3.6x varifocal (2.8 ~ 10mm)	8mm / 3.6mm fixed	3 ~ 10mm
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 950TV lines
Day & Night	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	N/A	N/A	N/A	N/A
Alarm I/O	N/A	N/A	N/A	N/A	N/A	N/A
Motion Detection	Yes	Yes	Yes	N/A	N/A	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	N/A	N/A	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
IR Range	N/A	N/A	N/A	N/A	N/A	20m (66ft)
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	12V DC	12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC), 12V DC	Dual (24V AC & 12V DC)

ANALOG

	IR Dome					Vandal-Resistant
	SCD-2080R	SCD-2021R	SCD-2042R/2022R	SCD-2020R	SCD-1020R	SCV-5083
						BEYOND New
Imaging Device	1/3" Super HAD CCD II	1/3" CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/4" CMOS	1/3" 1.3M CMOS
Min. Illumination (50 IRE)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	0Lux (IR LED on)	Color : 0.03Lux B/W : 0.003Lux
Lens (Mount)	3.6x varifocal (2.8 ~ 10mm)	3.6mm fixed	8mm / 3.8mm fixed	3.6mm fixed	3.6mm fixed	2.8 ~ 10mm
Horizontal Resolution	Color : 600TV lines	Color : 650TV lines	Color : 700TV lines	Color : 600TV lines	Color : 520TV lines	Color : 950TV lines
Day & Night	Yes (ICR)	Yes	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	N/A	N/A	N/A	Yes
Alarm I/O	N/A	N/A	N/A	N/A	N/A	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	N/A	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	N/A	Fixed / Moved, Fence, Tracking, Detection, Counting, Tampering
Digital Image Stabilization	Yes	N/A	Yes	Yes	N/A	Yes
Coax Control	Pelco-C	N/A	Pelco-C	Pelco-C	N/A	Pelco-C
IR Range	20m (66ft)	20m (66ft)	7m (23ft)	7m (23ft)	10m (33ft)	N/A
Installation Type	Surface	Surface	Surface	Surface	Surface	Surface
Environmental Protection	N/A	N/A	N/A	N/A	N/A	IP66, IK10
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	0°C ~ +55°C (+32°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	12V DC	12V DC	12V DC	12V DC	12V DC	Dual (24V AC & 12V DC)

	Vandal-Resistant					
	SCV-5080	SCV-3083	SCV-3082	SCV-3080	SCV-2080	SCV-2010F
	BEYOND New					
Imaging Device	1/3" 1.3M CMOS	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD II (Double scan)	1/3" Super HAD CCD (Double scan)	1/3" Super HAD CCD II	1/3" Super HAD CCD
Min. Illumination (50 IRE)	Color : 0.03Lux B/W : 0.003Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.1Lux B/W : 0.01Lux	Color : 0.3Lux B/W : 0.01Lux	Color : 0.15Lux B/W : 0.001Lux	Color : 0.04Lux
Lens (Mount)	3 ~ 10mm	2.8x motorized varifocal (3 ~ 8.5mm)	3.9x varifocal (2.8 ~ 11mm)	3.9x varifocal (2.8 ~ 11mm)	3.6x varifocal (2.8 ~ 10mm)	3mm fixed
Horizontal Resolution	Color : 950TV lines	Color : 700TV lines	Color : 650TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (Electrical)
Wide Dynamic Range	N/A	Yes	Yes	Yes	N/A	N/A
Alarm I/O	N/A	0 / 1	0 / 1	0 / 1	N/A	N/A
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	N/A	Fixed / Moved, Area, Fence, Detection, Counting	Fixed / Moved, Fence, Tracking, Counting	Fixed / Moved, Area, Fence, Tracking, Counting	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C
Installation Type	Surface	Surface	Surface	Surface, Flush	Surface, Flush	Surface
Environmental Protection	IP66, IK10	IP66	IP66, IK10	IP66, IK10	IP66, IK10	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC) Built-in fan & heater (24V AC)	Dual (24V AC & 12V DC) Built-in fan & heater (24V AC)	12V DC

	IR Vandal-Resistant				PTZ Dome	
	SCV-5080R	SCV-2082R	SCV-2081R	SCV-2080R	SCP-3430H	SCP-3371
	BEYOND New					
Imaging Device	1/3" 1.3M CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/3" Super HAD CCD II	1/4" Ex-view HAD CCD (Double scan)	1/4" Ex-view HAD CCD (Double scan)
Min. Illumination (50 IRE)	Color : 0.03Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.15Lux B/W : 0Lux (IR LED on)	Color : 0.7Lux B/W : 0.07Lux	Color : 0.7Lux B/W : 0.07Lux
Lens (Mount)	3 ~ 10mm	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	3.6x varifocal (2.8 ~ 10mm)	43x (3.2 ~ 138.5mm)	37x (3.5 ~ 129.5mm)
Horizontal Resolution	Color : 950TV lines	Color : 700TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	N/A	N/A	Yes	Yes
Alarm I/O	N/A	N/A	N/A	N/A	8 / 3	8 / 3
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	N/A	N/A	N/A	N/A	Fixed / Moved	Detection, Tracking, Fixed / Moved
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	CCVC	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	N/A	N/A	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	30m (98ft)	20m (66ft)	20m (66ft)	30m (98ft)	N/A	N/A
Installation Type	Surface	Surface	Surface	Surface, Flush	N/A	N/A
Environmental Protection	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	IP66, IK10	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	24V AC	24V AC

ANALOG

	PTZ Dome					
	SCP-3370TH	**SCP-2373H/2373**	**SCP-2371H/2371**	**SCP-2273H/2273**	**SCP-2271H/2271**	**SCP-2250H**
Imaging Device	1/4" Ex-view HAD CCD (Double scan)	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II	1/4" Sony 960H Ex-view HAD CCD II	1/4" Super HAD CCD II	1/4" Super HAD CCD II
Min. Illumination (50 IRE)	Color : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.2Lux B/W : 0.01Lux	Color : 0.2Lux B/W : 0.02Lux	Color : 0.2Lux B/W : 0.02Lux
Lens (Mount)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	27x (3.5 ~ 94.5mm)	27x (3.5 ~ 94.5mm)	25x (3.66 ~ 91.36mm)
Horizontal Resolution	Color : 600TV lines	Color : 680TV lines	Color : 600TV lines	Color : 680TV lines	Color : 600TV lines	Color : 600TV lines
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	N/A	N/A	N/A	N/A	N/A
Alarm I/O	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3	8 / 3
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Tracking, Fixed / Moved	N/A	N/A	N/A	N/A	Fixed / Moved
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	Pelco-C	Pelco-C	Pelco-C	Pelco-C	Pelco-C	CCVC
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
Environmental Protection	IP66, IK10	IP66 (SCP-2373H)	IP66 (SCP-2371H)	IP66 (SCP-2273H)	IP66 (SCP-2271H)	IP66, IK10
Operating Temperature	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F) (SCP-2373H) -10°C ~ +55°C (+14°F ~ +131°F) (SCP-2373)	-50°C ~ +55°C (-58°F ~ +131°F) (SCP-2371H) -10°C ~ +55°C (+14°F ~ +131°F) (SCP-2371)	-50°C ~ +55°C (-58°F ~ +131°F) (SCP-2273H) -10°C ~ +55°C (+14°F ~ +131°F) (SCP-2273)	-50°C ~ +55°C (-58°F ~ +131°F) (SCP-2271H) -10°C ~ +55°C (+14°F ~ +131°F) (SCP-2271)	-50°C ~ +55°C (-58°F ~ +131°F)
Power	24V AC	24V AC	24V AC	24V AC	24V AC	24V AC

	PTZ Dome		IR PTZ Dome	Positioning	HD-SDI	
	SCP-3120/3120VH	**SCP-2120**	**SCP-2370RH**	**SCU-2370**	**SCB-6001**	**SCO-6081R**
Imaging Device	1/4" Ex-view HAD CCD (Double scan)	1/4" Super HAD CCD II	1/4" Super HAD CCD II	1/4" Super HAD CCD II	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS
Min. Illumination (50 IRE)	Color : 0.7Lux B/W : 0.07Lux	Color : 0.2Lux B/W : 0.004Lux	Color : 0.2Lux, B/W : 0Lux (IR LED on)	Color : 0.2Lux B/W : 0.02Lux	Color : 1Lux B/W : 0.1Lux	Color : 1Lux B/W : 0Lux (IR LED on)
Lens (Mount)	12x (3.6 ~ 44.3mm)	12x (3.9 ~ 46mm)	37x (3.5 ~ 129.5mm)	37x (3.5 ~ 129.5mm)	Optional (C / CS)	2.8x motorized varifocal (3 ~ 8.5mm)
Horizontal Resolution	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	Color : 600TV lines	1920 x 1080	1920 x 1080
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	N/A	N/A	N/A	Yes	Yes
Alarm I/O	2 / 2	2 / 2	8 / 3	3 / 2	1 / 1	1 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	Yes
Intelligent Video Analytics	Fixed / Moved	N/A	N/A	N/A	Tampering, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	Yes
Coax Control	CCVC	Pelco-C	Pelco-C	Pelco-C	N/A	N/A
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	N/A	N/A	100m (328ft)	N/A	N/A	30m (98ft)
Environmental Protection	IP66, IK10 (SCP-3120VH)	N/A	IP66, IK10	IP66	N/A	IP66
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F) : SCP-3120 -50°C ~ +55°C (-58°F ~ +131°F) : SCP-3120VH	-10°C ~ +55°C (+14°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-50°C ~ +55°C (-58°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)
Power	24V AC	24V AC	24V AC	24V AC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)

	HD-SDI			UTP		Thermal
	SCD-6021	**SCD-6081R**	**SCV-6081R**	**SUB-2000**	**SUD-2081**	**SCB-9080/9060**
	New					
Imaging Device	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS	1/3" Progressive scan CMOS	1/3" Super HAD CCD II	1/3" Super HAD CCD II	320(H) x 240(H) uncooled VOX microbolometer
Min. Illumination (50 IRE)	Color : 0.5Lux	Color : 1Lux B/W : 0Lux (IR LED on)	Color : 1Lux B/W : 0Lux (IR LED on)	Color : 0.05Lux	Color : 0.15Lux, B/W : 0.001Lux	0Lux
Lens (Mount)	3.8mm fixed	2.8x motorized varifocal (3 ~ 8.5mm)	2.8x motorized varifocal (3 ~ 8.5mm)	Optional (C / CS)	3.6x varifocal (2.8 ~ 10mm)	50mm / 14mm fixed
Horizontal Resolution	1920 x 1080	1920 x 1080	1920 x 1080	Color : 600TV lines	Color : 600TV lines	320 x 240
Day & Night	Yes (Electrical)	Yes (ICR)	Yes (ICR)	Yes (Electrical)	Yes (ICR)	N/A
Wide Dynamic Range	Yes	Yes	Yes	N/A	N/A	N/A
Alarm I/O	0 / 1	1 / 1	1 / 1	N/A	N/A	0 / 1
Motion Detection	Yes	Yes	Yes	Yes	Yes	N/A
Intelligent Video Analytics	Tampering, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear	Tampering, Virtual line, Enter / Exit, Appear / Disappear	N/A	N/A	N/A
Digital Image Stabilization	Yes	Yes	Yes	Yes	Yes	N/A
Coax Control	N/A	N/A	N/A	Pelco-C	Pelco-C	Pelco-C
RS-485 Control	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon	Samsung-T/E, Pelco-D/P, Panasonic, Bosch, Honeywell, Vicon, AD, GE
IR Range	N/A	15m (49ft)	15m (49ft)	N/A	Surface, Flush	N/A
Environmental Protection	N/A	N/A	IP66	N/A	N/A	N/A
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-10°C ~ +55°C (+14°F ~ +131°F)	-30°C ~ +55°C (-22°F ~ +131°F)
Power	12V DC	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC)	Dual (24V AC & 12V DC), 28V AC	Dual (24V AC & 12V DC), 28V AC	24V AC

DVR

		16CH			
		SRD-1680D	SRD-1676D	SRD-1673D	SRD-1656D
			New		New
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps
Recording	Max. Record Rate / NTSC	480fps@960H / 240fps@1080p	480fps@1280 x 480	480fps@4CIF/960H	120fps@1280 x 480
	Max. Record Rate / PAL	400fps@960H / 200fps@1080p	400fps@1280 x 576	400fps@4CIF/960H	100fps@1280 x 576
	Compression	H.264	H.264	H.264	H.264
Video	Inputs	16CH	16CH	16CH	16CH
	Loop Outputs	N/A	Yes	N/A	Yes
Audio	Inputs	16CH (Built-in 4CH)	16CH (Built-in 4CH)	16CH (Built-in 4CH)	16CH (Built-in 4CH)
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A	N/A
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	2 External SATA ports	2 External SATA ports
	DVD Writer (Back up)	Yes	Yes	Yes	Yes
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	N/A	Yes	N/A
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE
VA		N/A	Motion Detection, Tampering	N/A	Motion Detection, Tampering

• Option : Audio extension cable * Coaxial communication not supported

		16CH			
		SRD-1654D	SRD-1653D	SRD-1642	SRD-1640
				New	
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	480fps / 400fps	480fps / 400fps	480fps / 400fps	480fps / 400fps
Recording	Max. Record Rate / NTSC	120fps@4CIF/960H	120fps@4CIF/960H	480fps@960 x 480	120fps@4CIF
	Max. Record Rate / PAL	100fps@4CIF/960H	100fps@4CIF/960H	400fps@960 x 576	100fps@4CIF
	Compression	H.264	H.264	H.264	H.264
Video	Inputs	16CH	16CH	16CH	16CH
	Loop Outputs	N/A	N/A	N/A	N/A
Audio	Inputs	4CH (Built-in 4CH)	16CH (Built-in 4CH)	4CH (Built-in 4CH)	4CH
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 2 SATA HDDs	Up to 1 SATA HDD
	External HDD	N/A	Up to 2 expansion bays	N/A	N/A
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	N/A
	Main Composite	N/A	N/A	N/A	1CH (BNC)
	Spot Composite	2CH (Digital)	2CH (Digital)	1CH (Digital)	1CH (BNC)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	N/A	2 External SATA ports	N/A	N/A
	DVD Writer (Back up)	Yes	Yes	N/A	N/A
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 4
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer
Removable BNC Panel		Yes	Yes	N/A	N/A
PTZ Control	Coax Protocol	N/A *	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C	N/A
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
VA		N/A	N/A	Motion Detection, Tampering	N/A

• Option : Audio extension cable * Coaxial communication not supported

DVR

		8CH		
		SRD-880D	SRD-876D	SRD-873D
			New	
OS	Embedded	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	240fps / 200fps	240fps / 200fps
Recording	Max. Record Rate / NTSC	240fps@1080p	240fps@1280 x 480	240fps@4CIF/960H
	Max. Record Rate / PAL	200fps@1080p	200fps@1280 x 576	200fps@4CIF/960H
	Compression	H.264	H.264	H.264
Video	Inputs	8CH	8CH	8CH
	Loop Outputs	N/A	Yes	N/A
Audio	Inputs	8CH (Built-in 4CH)	8CH (Built-in 4CH)	8CH (Built-in 4CH)
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 4 SATA HDDs	Up to 4 SATA HDDs
	External HDD	Up to 2 expansion bays	Up to 2 expansion bays	Up to 2 expansion bays
Monitors	VGA	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes
	Main Composite	N/A	N/A	N/A
	Spot Composite	2CH (Digital)	2CH (Digital)	2CH (Digital)
Connections	USB	2 ports	2 ports	2 ports
	e-SATA	2 External SATA ports	2 External SATA ports	2 External SATA ports
	DVD Writer (Back up)	Yes	Yes	Yes
	Mouse	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM
Removable BNC Panel		Yes	N/A	Yes
PTZ Control	Coax Protocol	N/A *	Samsung CCVC, Pelco-C	Samsung CCVC, Pelco-C
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE
VA		N/A	Motion Detection, Tampering	N/A

• Option : Audio extension cable * Coaxial communication not supported

		8CH		
		SRD-854D	SRD-842	SRD-840
			New	
OS	Embedded	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	240fps / 200fps	240fps / 200fps	240fps / 200fps
Recording	Max. Record Rate / NTSC	60fps@4CIF/960H	240fps@960 x 480	60fps@4CIF
	Max. Record Rate / PAL	50fps@4CIF/960H	200fps@960 x 576	50fps@4CIF
	Compression	H.264	H.264	H.264
Video	Inputs	8CH	8CH	8CH
	Loop Outputs	N/A	N/A	N/A
Audio	Inputs	4CH (Built-in 4CH)	4CH (Built-in 4CH)	4CH
Storage	Internal HDD	Up to 4 SATA HDDs	Up to 2 SATA HDDs	Up to 1 SATA HDD
	External HDD	N/A	N/A	N/A
Monitors	VGA	Yes	Yes	Yes
	HDMI	Yes	Yes	N/A
	Main Composite	N/A	N/A	1CH (BNC)
	Spot Composite	2CH (Digital)	1CH (Digital)	1CH (BNC)
Connections	USB	2 ports	2 ports	2 ports
	e-SATA	N/A	N/A	N/A
	DVD Writer (Back up)	Yes	N/A	N/A
	Mouse	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 4
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer	NET-i viewer, SmartViewer, Webviewer
Removable BNC Panel		Yes	N/A	N/A
PTZ Control	Coax Protocol	N/A *	Samsung CCVC, Pelco-C	N/A *
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
VA		N/A	Motion Detection, Tampering	N/A

• Option : Audio extension cable * Coaxial communication not supported

DVR

		4CH			
		SRD-476D	SRD-473D	SRD-445	SRD-443
		New		New	
OS	Embedded	Linux	Linux	Linux	Linux
Live	Frame Rate (NTSC / PAL)	120fps / 100fps	120fps / 100fps	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	120fps@1280 x 480 * P/B : 60fps@1280 x 480, 120fps@960 x 480	120fps@4CIF/960H	120fps@960 x 480	30fps@4CIF
	Max. Record Rate / PAL	100fps@1280 x 576 * P/B : 50fps@1280 x 576, 120fps@960 x 576	100fps@4CIF/960H	100fps@960 x 576	25fps@4CIF
	Compression	H.264	H.264	H.264	H.264
Video	Inputs	4CH	4CH	4CH	4CH
	Loop Outputs	Yes	N/A	N/A	N/A
Audio	Inputs	4CH (Built-in 4CH)	4CH	4CH (Built-in 4CH)	4CH
Storage	Internal HDD	Up to 1 SATA HDD	Up to 1 SATA HDD	Up to 1 SATA HDD	Up to 1 SATA HDD
	External HDD	N/A	N/A	N/A	N/A
Monitors	VGA	Yes	Yes	Yes	Yes
	HDMI	Yes	Yes	Yes	N/A
	Main Composite	N/A	N/A	N/A	1CH (BNC)
	Spot Composite	2CH (Digital / Analog)	2CH (Digital)	1CH (Digital)	1CH (Analog)
Connections	USB	2 ports	2 ports	2 ports	2 ports
	e-SATA	N/A	N/A	1 port	N/A
	DVD Writer (Back up)	Yes	Yes	N/A	N/A
	Mouse	Yes	Yes	Yes	Yes
Network	Remote Users	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 3 / Live unicast 10 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 20
	Transmission	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	SmartViewer, Webviewer, SSM	NET-i viewer, SmartViewer, Webviewer
PTZ Control	Coax Protocol	Samsung CCVC, Pelco-C	N/A	Samsung CCTV, Pelco-C	N/A
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO, GE	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO
VA		Motion Detection, Tampering	N/A	Motion Detection, Tampering	N/A

• Option : Audio extension cable

		4CH	
		SRD-440	SRD-442
OS	Embedded	Linux	Linux
Live	Frame Rate (NTSC / PAL)	120fps / 100fps	120fps / 100fps
Recording	Max. Record Rate / NTSC	30fps@4CIF	30fps@4CIF
	Max. Record Rate / PAL	25fps@4CIF	25fps@4CIF
	Compression	H.264	H.264
Video	Inputs	4CH	4CH
	Loop Outputs	N/A	N/A
Audio	Inputs	1CH	1CH
Storage	Internal HDD	Up to 1 SATA HDD	Up to 2 SATA HDDs
	External HDD	N/A	N/A
Monitors	VGA	Yes	Yes
	HDMI	N/A	N/A
	Main Composite	1CH (BNC)	1CH (BNC)
	Spot Composite	1CH (Analog)	1CH (Analog)
Connections	USB	2 ports	2 ports
	e-SATA	N/A	N/A
	DVD Writer (Back up)	N/A	N/A
	Mouse	Yes	Yes
Network	Remote Users	Search 2 / Live unicast 4 / Live multicast 20	Search 2 / Live unicast 4 / Live multicast 20
	Transmission	4CIF, CIF	4CIF, 2CIF, CIF
	Monitoring	NET-i viewer, SmartViewer, Webviewer	NET-i viewer, SmartViewer, Webviewer
PTZ Control	Coax Protocol	N/A	N/A
	RS-485 Protocol	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO	Samsung-T/E, Pelco-D/P, Panasonic, Phillips, AD, DIAMOND, ERNA, KALATEL, VCL TP, VICON, ELMO

• Option : Audio extension cable

	RAID 5 Unit
	SVS-5R
Features	• 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)

	HDD Extension Unit
	SVS-5E
Features	• 1U 19-inch rack case • Data transmission speed : up to 3.0Gbps (SATA II) • Available SATA HDD : up to 4 (4TB)

MONITOR

	LED Monitor			
	SMT-4031	**SMT-3231**	**SMT-2730**	**SMT-2232**
Screen Size	40"	32"	27"	21.5"
Resolution (pixels HxV)	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080	1,920 x 1,080
Video In/Out	1	1	2 / 2	2 / 2
RGB In	1	1	1	1
DVI / HDMI	1 / 1	1 / 1	0 / 1	0 / 1
Audio In (Stereo)	2	2	2	2
Contrast Ratio	5,000 : 1	5,000 : 1	1,000 : 1	1,000 : 1
Response Time	8ms	8ms	5ms	5ms
Brightness	350cd/m^2	350cd/m^2	300cd/m^2	250cd/m^2
Tempered Glass Screen	N/A	N/A	Yes	Yes
Picture In Picture	Yes	Yes	Yes	Yes
Built-in Speakers	Yes	Yes	Yes	Yes
Stand	General (Optinal)	General (Optinal)	General	General
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC

	LED Monitor			
	SMT-1934	**SMT-1930**	**SMT-1914**	**SMT-1734**
				New
Screen Size	19"	18.5"	19"	17"
Resolution (pixels HxV)	1,280 x 1,024	1,366 x 768	1,280 x 1,024	1,280 x 1,024
Video In/Out	2 / 2	2 / 2	N/A	1 / 1
RGB In	1	1	1	1
DVI / HDMI	0 / 1	0 / 1	N/A	0 / 1
Audio In (Stereo)	2	2	N/A	2
Contrast Ratio	1,000 : 1	1,000 : 1	1,000 : 1	1,000 : 1
Response Time	5ms	5ms	5ms	5ms
Brightness	250cd/m^2	250cd/m^2	250cd/m^2	250cd/m^2
Tempered Glass Screen	Yes	Yes	Yes	Yes
Picture In Picture	Yes	Yes	Yes	Yes
Built-in Speakers	Yes	Yes	N/A	Yes
Stand	General	General	General	General
Sync Format	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43	NTSC : 3.5 / PAL : 4.43
Power	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC	100 ~ 240V AC

LENS

Lens Description	Model	Image	Mount	Image Format	Resolution	Focal Length	Back Focal Length	Zoom Ratio	F. No	Minimum Angle of View	Operation			Dimensions (WxHxD)mm / inch	Weight (g / lb)
											Iris	Focus	Zoom		
Zoom Lens	SLA-12240		C	1/2"	1.3Megapixel	12 ~ 240mm 0.47" ~ 9.45"	19.82mm 0.78"	20	1.6	38.9° ~ 1.9°	Auto	Motorized	Motorized	116.0 x 135.0 x 223.5mm 4.57" x 5.31" x 8.8"	2.6Kg 5.73 lb
	SLA-880					8 ~ 80mm 0.31" ~ 3.15"	15.3mm 0.6"	10	1.2	54.3° ~ 5.8°				70.0 x 81.0 x 123.5mm 2.76" x 3.19" x 4.86"	670g 1.48 lb
Varifocal Lens	SLA-3580DN		CS	1/3"	520K pixel	3.5 ~ 8mm 0.14" ~ 0.31"	8.7 ~ 14.7mm 0.34" ~ 0.58"	2.3	1.0	111.2° ~ 44.7°	DC	Manual	Manual	38.6 x 45.3 x 46.0mm 1.52" x 1.78" x 4.86"	54.5g 0.12 lb
	SLA-2812DN					2.8 ~ 12mm 0.11" ~ 0.47"	20.2 ~ 8.1mm 0.8" ~ 0.32"	4.2	1.3	133.0° ~ 29.7°				37.5 x 48.0 x 56.0mm 1.48" x 1.89" x 2.2"	71g 0.16 lb
	SLA-550DV					5 ~ 50mm 0.2" ~ 1.97"	10.5 ~ 10.6mm 0.41" ~ 0.42"	10	1.3	64.0° ~ 6.9°				45.0 x 56.2 x 57.8mm 1.77" x 2.21" x 2.28"	100g 0.22 lb
	SLA-M2882			1/3"	1.3Megapixel	2.8 ~ 8.2mm 0.11" ~ 0.32"	7.97 ~ 14.12mm 0.31" ~ 0.56"	2.9	1.4	116.5° ~ 42.4°				43.8 x 48.1 x 52.0mm 1.72" x 1.89" x 2.05"	100g 0.22 lb
	New SLA-M2890DN			1/2.8"	3Megapixel	2.8 ~ 9mm 0.11" ~ 0.35"	7.5 ~ 15.9mm 0.3" ~ 0.63"	3.2	1.2	134.2° ~ 42.7°	DC			40.0 x 51.5 x 63.0mm 1.57" x 2.03" x 2.48"	84.0g 0.19 lb
	New SLA-M2890PN										P-Iris				82.1g 0.18 lb
	SLA-M3180DN					3.1 ~ 8mm 0.12" ~ 0.31"	7.8mm 0.31"	2.6		123.1° ~ 48.3°	DC			43.8 x 48.2 x 55.0mm 1.72" x 1.90" x 2.17"	59g 0.13 lb
	SLA-M3180PN										P-Iris				57g 0.13 lb

CONTROLLER

Controller				
SPC-6000	SPC-2010	SPC-1010	SPC-300	SPC-200
System Control Keyboard	PTZ / DVR System Controller	PTZ Control Keyboard	Coaxial Remote Controller	Camera Zoom & OSD Controller
• 5" TFT touch LCD • Control PTZ dome cameras, DVRs and matrix switchers • Up to 255 units with a single controller • Connect to a system up to 16 controllers	• Controp up to 255 PTZ cameras / DVRs • Built-in 3 axis twist zoom joystick • Built-in jog shuttle • 16 x 2 character LCD display • RS-485 and RS-422 interface	• Control up to 255 PTZ cameras • Multi protocols supports • OSD Menu, 3D joystick control • RS-485 and RS-422 interface	• Control via coaxial cable or RS-485 • Camera connected : 1unit • Cable extension : max. 500m (with 5C-2V cable) • RS-485 and RS-232C interface	• Camera zoom in/out, OSD control • RS-485 communication • Zoom camera RJ-45 connector control

PERIPHERAL

PTZ/ Dome Camera Housings / Mounts

SHP-3701H

Outdoor Housing for PTZ Dome
- For outdoor applications
- Weatherproof rated to IP66
- Aluminium + Polycarbonate
- IK10 vandal resistant

SHP-3701F/SHD-3000F

In-Ceiling Housing for PTZ Dome
- For indoor applications
- Polycarbonate

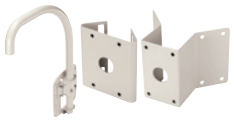
SBP-300WM1/300WM

Wall Mount for PTZ Dome
- Aluminum + SECC
- Can be used with hanging mount and outdoor PTZ

SBP-300CM

Ceiling Mount
- Aluminum + SECC
- Can be used with hanging mount and Outdoor PTZ

SBP-300LM/300PM/300KM



Parapet / Pole / Corner Mount
- Aluminum + SECC (SBP-300LM) SECC (SBP-300PM/300KM)
- Can be used with hanging mount and outdoor PTZ (SBP-300LM) Can be used with SBP-300B/300WM/300WM1 (SBP-300PM/300KM)

SBP-300B

Wall Mount Install Base
- Aluminum + SECC
- Can be used with SBP-300WM/300WM1

SBP-300HM1

Hanging Mount
- Aluminum
- Can be used with SCP-3430/3370/3250/3120/2430/2370/2330/2270/2250/2120 SNP-6200/5200/3371/3302/3120 SBP-300CM/300LM/300WM/300WM1

SBP-301HM2

Hanging Mount
- Aluminum
- Can be used with SCD-6080 SCV-5083/5080/3082/3081/2081R/2081 SND-7082/6084R/6084/6083/5080/3082 SNV-1080R/1080 SBP-300CM/300LM/300WM/300WM1

SBP-301HM3

Hanging Mount
- Aluminum
- Can be used with SCP-3371/2371/2271/3120/3080/2120/2080R/2080/2060 SNP-6201/5300 SNV-7082/7080R/7080/5080/3120/3082 SBP-300CM/300LM/300WM/300WM1

SBP-301HM4/300TM

New

Hanging / Wall Ceiling Mount for 3M Fisheye + Beyond series Cameras
- Aluminum (SBP-300HM4), Poly carbonate (SBP-300TM)
- Can be used with SCD-5083/5080, SND-6011R, SNF-7010VM/7010V/7010 (SBP-301HM4) SNF-7010VM/7010V/7010 (SBP-300TM) SBP-300CM/300LM/300WM/300WM1 (SBP-301HM4)

SBP-300HM5/300TM1

New

Hanging / Wall Ceiling Mount for 5M Fisheye Cameras
- Aluminum (SBP-300HM5), Poly carbonate (SBP-300TM1)
- Can be used with SNF-8010/8010V/8010VM (SBP-300HM5/300TM1), SBP-300CM/300LM/300WM/300WM1 (SBP-300HM5)

SBP-300HM6

New

Hanging Mount
- Aluminum
- Can be used with SCV-6081R SNV-7084R/7084/6084R/6084/5084R/5084 SBP-300CM/300LM/300WM/300WM1

Box Camera Housings

SHB-4300H/4300H1/4300H2

Fixed Housing
- Aluminum diecasting construction
- Fully cable managed bracket
- Built-in fan & heater
- Support three cable glands, IP66

SHB-4200/4200H

Fixed Housing
- Support two cable glands
- Built-in fan & heater : SHB-4200H

STH-500/200

Fixed Housing
- For fixed camera application
- Wall/ceiling installations
- Easy to install side open type

Box Camera Mounts

SBU-500WM

Fixed Mount
- Wall mount for positioning system
- Aluminum material
- Can be used with SCU-2370/9080, SCU-VAC

SBU-220PM

Fixed Mount
- Pedestal mount for positioning system
- Aluminum material
- Can be used with SCU-2370/9080, SCU-VAC

Box Camera Mounts

STB-400/4150V

Fixed Mount
- Bracket for STH-500/200 : STB-400 Bracket for box cameras : STB-4150V
- Steel material

Positioning

SCU-VAC

Positioning System
- Integrated receiver, pan/tilt, and housing
- Position encoders provide 0.1° accuracy
- 360° pan, +40° to -85° tilt range
- Accepts most 24V AC 3rd party cameras

SCU-EVAC

SPX-E100

Explosion Proof Positioning System
- Integrated Pan/ Tilt, and Housing
- 360° Pan Rotation
- Tilt Range of +90° to -90°
- IP66 • Telemetry Receiver : SPX-E100

SPI-10A/30A

IR Illuminator
- Viewable length of 100m (328.1ft) : SPI-10 70m (229.66ft) : SPI-30
- Radiation angle of 10˚ : SPI-10 / 30˚ : SPI-30
- IP66

SBU-550IM

IR Illuminator Bracket
- Applicable with SPI-10/30

HD-SDI

SPH-120R

HD-SDI Repeater
- Repeat the HD-SDI signal from the HD CCTV cameras and enables the extension for the transmission distance

SPH-110C

HD-SDI Converter
- Accept the HD-SDI signal from the HD CCTV cameras, and converts the signal for presentation on the HDMI input of the monitor

UTP

SPU-100TR

1CH UTP Transceiver
- Single channel balun transceiver
- No power required
- Male BNC

SPU-400

4CH UTP Power Supply Hub
- High quality video & long range transfer
- Surge and lightning protection
- Support RS-485 video input
- Power : 300m (984ft)

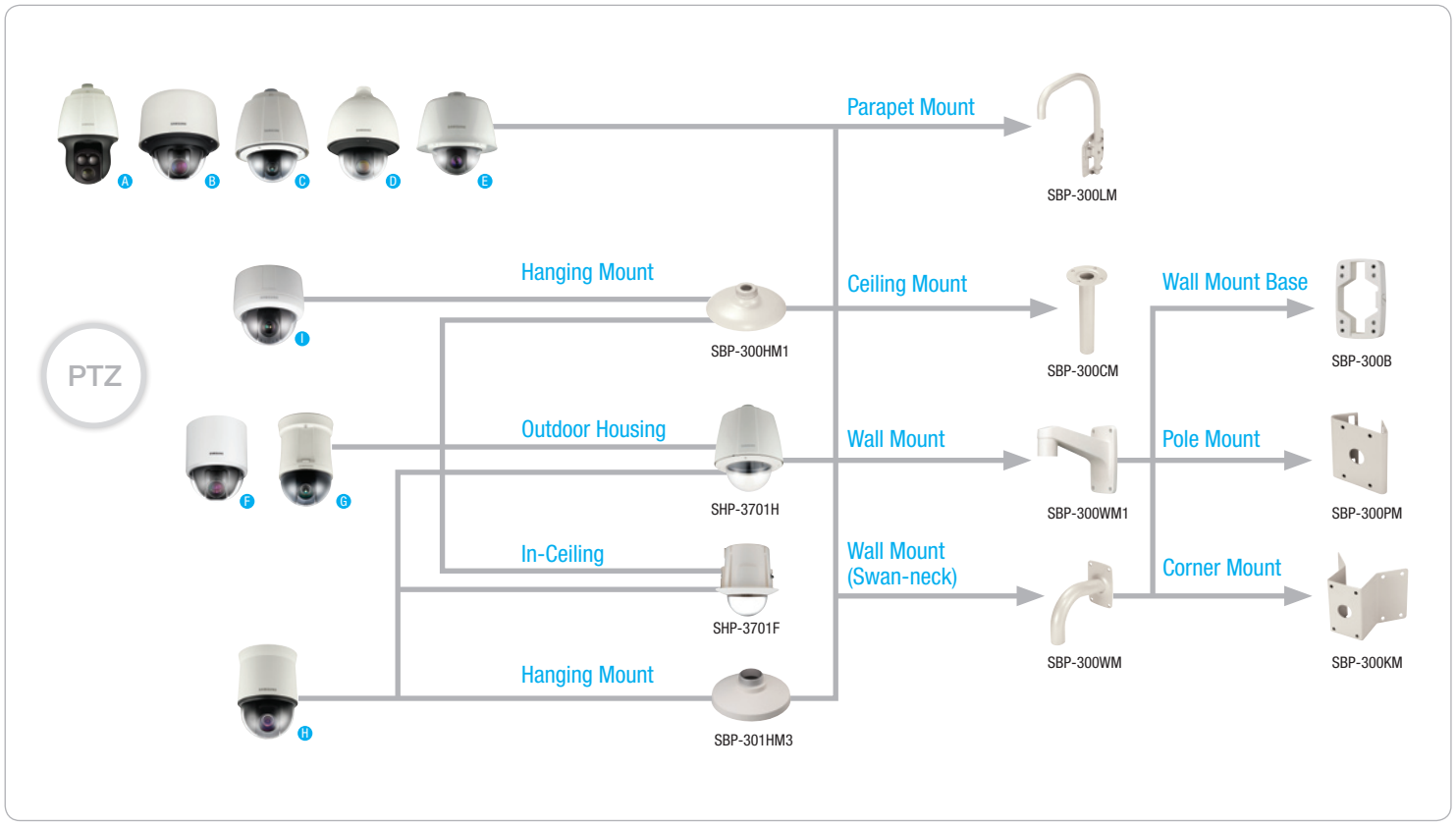
SPU-400R

4CH UTP Power Supply Receiver
- High quality video & long range transfer
- Surge and lightning protection
- Support RS-485 video input
- Video : 900m (3000ft)

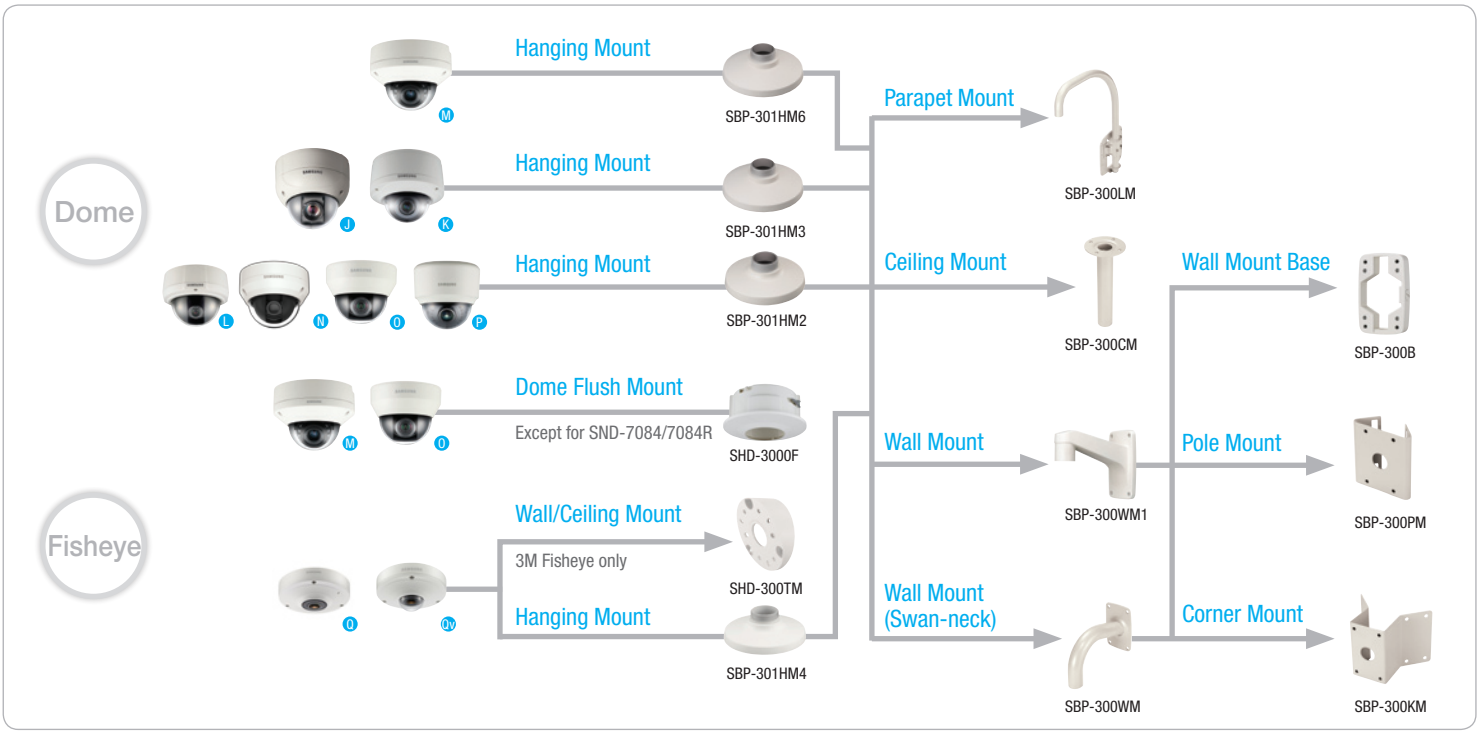
PERIPHERAL

Type	Outdoor PTZ					Indoor PTZ			
Shape	A	B	C	D	E	F	G	H	I
Color	Ivory								
Model	SCP-2370RH SNP-6200RH	SCP-3430H SCP-3250H SCP-2430H SCP-2250H	SCP-3370TH SCP-3370H SCP-2370TH SCP-2370H SCP-2330H SCP-2270H SNP-6200H SNP-5200H SNP-3371TH SNP-3371H SNP-3302H	SCP-3371H SCP-2373H SCP-2371H SCP-2273H SCP-2271H SNP-6201H SNP-5300H	SCP-3120VH SNP-3120VH	SCP-3430 SCP-3250 SCP-2430 SCP-2250	SCP-3370 SCP-2370 SCP-2330 SCP-2270 SNP-6200 SNP-5200 SNP-3371 SNP-3302	SCP-3371 SCP-2373 SCP-2371 SCP-2273 SCP-2271 SNP-6320 SNP-6201 SNP-5300	SCP-3120 SCP-2120 SNP-3120

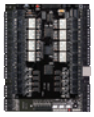
Type	Vandal-Resistant					Indoor Dome		3M Fisheye + Beyond series	
Shape	J	K	L	M	N	O	P	Q	QV
Color	Ivory								
Model	SCV-2120 SCV-2080R	SCV-3120 SCV-3080 SCV-2080 SCV-2060 SNV-7082 SNV-7080R SNV-7080 SNV-5080R SNV-5080 SNV-3120 SNV-3082	SCV-3083 SCV-3082 SCV-3081 SCV-2082R SCV-2081R SCV-2081 SNV-1080R SNV-1080	SCV-6081R SNV-7084R SNV-7084 SNV-6084R SNV-6084 SNV-5084	SCV-5083 SCV-5080	SND-7084R SND-7084 SND-6084R SND-6084 SND-6083 SND-5084 SND-5083	SCD-6080 SND-7082 SND-5080 SND-3082	SNF-7010 SCD-5083 SCD-5080 SND-6011R	SNF-7010V SNF-7010VM



PERIPHERAL



ACCESS CONTROL SYSTEM

Readers			Control Panel	
SSA-R2010/ R2011	**SSA-R2000/R2001**	**SSA-R1000/R1001/R1100/R1101**	**SSA-PE1202**	**SSA-P420T/P421T/400T/401T**
				
Proximity / Smart Card, Fingerprint Reader	Proximity / Smart Card & PIN Reader	Proximity / Smart Card / EM Reader	Lift Access Control Panel	Intelligent 4 Doors Access Controller
• 125KHz Proximity/13.56MHz Contact-less Smart Card and Fingerprint Recognition • 1 : 1 Verification and 1 : N Identification storable 2 Fingerprint Templates • 1,000 Fingerprint Users and 10,000 ID Users • Auto Touch sensor for fingerprint only identification	• 125KHz Proximity / 13.56MHz (MIFARE) Contact-less Smart Card / EM and PIN Reader • 12 Numeric Keypads with Back Lighting • External LED control • External buzzer control • Tamper Switch	• 125KHz proximity / 13.56MHz contact-less smart card / EM reader • 26/34bit wiegand output format • External LED control • External buzzer control • Indoor / outdoor operation	• Controls up to 384 floors (12floors per control panel, expandable up to 32 control panel) • Up to 50,000 users and up to 20,000 event buffers • 26/34 bit wiegand switchable • Integration with SSA-P4xx series control panel • Real-time monitoring of lift access and alarm status	• Up 50,000 Users and up to 29,500 Event Buffers • Standalone/Network communication via RS-232/RS-422/RS-485, TCP/IP • Independent 15 inputs and 15 outputs including 12ea of 2 Form-C Relay outputs • Power Package (SSA-P420T/421T)

Control Panel		Card	Scanner	Software
SSA-P112T/ P102T	**SSA-X100**	**SSA-C100/C200/C110**	**SSA-X500**	**SSA-M2000/M2100**
Intelligent Single Door Access Controller	Power Package for Control Panel	Proximity Card	Finger Print Scanner	SAMS (Samsung Access Management Software) Pro / Pro Lite
• Up 50,000 Users and up to 50,000 Event Buffers • Standalone / Network Communication via RS-232/RS-422/RS-485, TCP/IP (SSA-P112T) • Independent 5 Inputs and 4 Outputs including 2ea of 2 Form-C Relay Outputs • Power Package (SSA-P112T)	• Power package for control panel • Communication status via LED indicator • Surge protection (NFB) • Low battery check • AC power failure check • Battery recharge circuit	• 125KHz / passive type (SSA-C100/C110) • 13.56MHz / passive type : SSA-C200 • ISO credit card size and thickness (SSA-C100/C200) • Clamshell type (SSA-C110)	• Compact and elegant design, which is more convenient to use • Excellent product durability that assures a long life • Provides USB interface	• Video surveillance integration allowing control of cameras and digital video recorders • Supports multiple sites • Supports multiple languages • Dynamic card holder and ID management function • Graphical map for ease of navigation

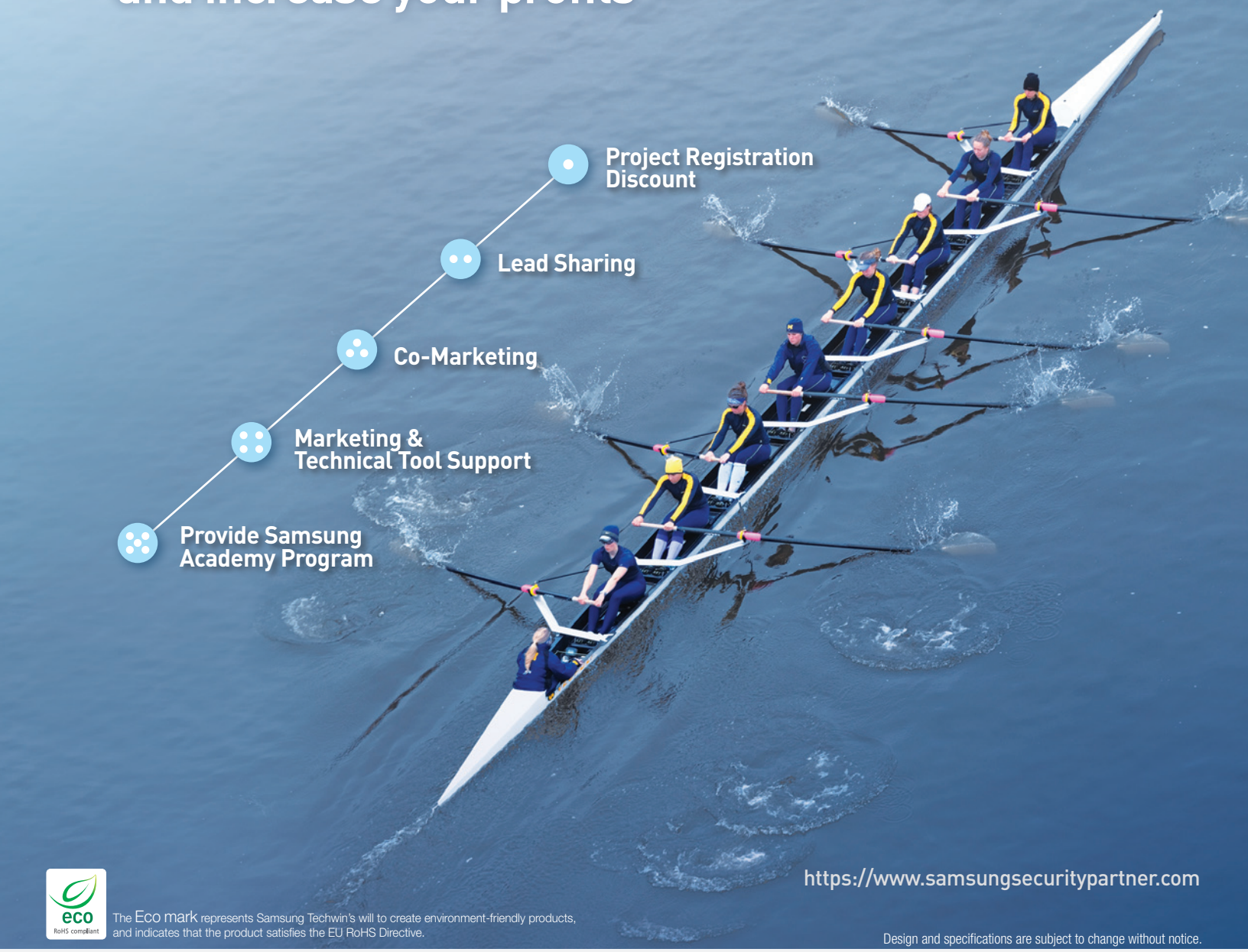
STEP
Samsung Techwin Eco Partnership

STEP UP

with Samsung Techwin Eco Partnership

Extend your business opportunities and increase your profits

- Project Registration Discount
- Lead Sharing
- Co-Marketing
- Marketing & Technical Tool Support
- Provide Samsung Academy Program



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eco RoHS compliant

The Eco mark represents Samsung Techwin's will to create environment-friendly products, and indicates that the product satisfies the EU RoHS Directive.

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